



November 3, 2011

Weekly Meeting Memo CSE-25

MEMO

TO: Cliff Ogburn, Town of Nags Head, NC

FROM: Haiqing L. Kaczkowski (PE) and Tim W. Kana (PG)

RE: Nags Head Beach Nourishment Project (CSE 2203)

Weekly Project Meeting of the Town, the Contractor, and the Engineer

The weekly project meeting of the Town of Nags Head, the Contractor (Great Lakes Dredge & Dock, referred to as GLDD) and the Engineer (Coastal Science & Engineering, referred to as CSE) was held from 9:10 a.m. to 9:40 a.m. on Thursday, 3 November 2011, at the Town Hall. Items discussed during the meeting are summarized herein.

1) GLDD Demobilization

The Dodge Island and the Padre Island finished the pumping operations at 8:20 am on October 27, 2011, and departed from the project site on the same day. Shore pipes used for the last nourished sections were broken down and brought to the nearest staging area at Grey Eagle Street. As of this date, all pipes on the beach have been cleared and stored at the two staging areas at Surfside Drive and Grey Eagle Street. The survey equipment CRAB has also been broken down and will be trucked off the job site with the remaining pipes and other equipment. High waves and strong wind conditions have prevented the bull gang from performing offshore pipe recovery and demobilization during the past week. Demobilization of the project area is expected to be completed during the next 2 to 3 weeks (weather permitting).

2) Town's Punch List and Data Submission Request



Representatives from the town, GLDD, NCDCM and CSE met on the afternoon of October 27 to inspect the beach and put together a punch list for GLDD to address before they turn in the project. The main items on the punch list are as follows:

- Escarpments at the seaward edge of the fill or on top of the berm shall be leveled. Such areas include north of Nags Head Pier, south of Seagull Drive in the south taper section and around the last nourished section near station 585+00. However, a northeaster is in the weather forecast and is expected to hit the Outer Banks by Friday, October 28, and GLDD may choose to wait to complete this work until after the passage of this weather condition. If these escarpments heal naturally, GLDD will not be required to dress the escarpments on the beach. CSE will inspect the beach again next week and will give GLDD guidance regarding the final beach dressing request.*
- Staging areas at Surfside Drive and Grey Eagle Street shall be restored. Beach dressing is required in the immediate pipe storage area upon removal of all pipes, and dune cuts shall be restored.*

CSE has informed the Regulatory Project Manager regarding the completion of the pumping operations on October 27, and will provide the federal and state regulators with written notification upon the completion of the final grading and demobilization. The federal permit requires that CSE shall submit a detailed map of the final dimensions of the S1 Borrow Area and the final Biological Monitoring Plan to the U.S. Environmental Protection Agency and to the USACE within forty-five days of project completion. In accordance with the permit regulations, CSE will collect the data and submit the documents to the agencies.

As required in the project manual and in the federal permits, GLDD shall submit remaining daily reports including a post-dredging summary sheet for endangered species observation to CSE, and shall also submit non-capture trawl sweeping logs to both the Regulatory Project Manager and to CSE.

3) Sea Turtle Monitoring on the Beach



Sea turtle monitoring on the beach was completed after the night of October 27. No deviations have been reported since the beginning of the construction, and the project was completed in compliance with environmental requirements listed in the state and federal permits .

4) Biological Monitoring Plan

The town has proved CZR's post-dredging biological monitoring proposal for the first year after the completion of the project. Four seasonal monitoring activities will be conducted between this fall and next summer, and a statistical report comparing the first post-project year's data with the pre-project data involving four seasonal events will be submitted to the resource agencies for review. The first post-project sampling event is expected to occur in November (weather permitting), and the remaining three sampling events will occur in winter (March 2012), spring (May 2012) and summer (August 2012), respectively.

5) Ocean Outfall Extension Project

The town is expected to start the first outfall extension project at Curlew Street soon. Per the town's request, CSE will place stakes to mark the possible pipe joint locations prior to the commencement of the extension project. The stakes will be placed at the following locations:

Curlew Street (station 531+40) — 435 ft from the baseline

Conch Street (station 554+60) — 435 ft from the baseline

Sound Side Road (580+85) — 550 ft from the baseline

National Park (1025+22) — 470 ft from the baseline

Enclosure: List of attendees and their contact information